

NPL Site Narrative for Stauffer Chemical Co. (LeMoyne Plant)

STAUFFER CHEMICAL CO. (LEMOYNE PLANT) Axis, Alabama

Conditions at listing (September 1983): Stauffer Chemical Co.'s LeMoyne Plant began operations in the early 1950s in Axis, Mobile County, Alabama. At first it manufactured carbon disulfide. In 1964, it started to produce chlorine and caustic soda, using the mercury cell process. In 1974, the plant expanded again, producing additional industrial inorganic compounds.

During the 1950s and 1960s, Stauffer used an on-site landfill located east of the manufacturing facility and between the facility and the Mobile River. Stauffer reports that the landfill contains drums of wastes that may include organics, solvents, heavy metals, acids, and bases. The exact quantities and types of wastes are not known. The landfill was constructed in native clay and covered with a 20-mil vinyl plastic cap. Topsoil was spread over the cap, and the area was revegetated and fenced.

Ground water is the sole source of drinking water in this area. About 4,000 people (employees of local industries and residents of Falco) are served by wells within 3 miles of the Lemoyne Plant landfill. Ground water in the vicinity of the landfill is contaminated with lead, chromium, cadmium, chloroform, and carbon tetrachloride, according to analyses conducted by EPA.

Status (June 1984): EPA is considering various alternatives for the site.

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at [ATSDR - ToxFAQs](http://www.atsdr.cdc.gov/toxfaqs/index.asp) (<http://www.atsdr.cdc.gov/toxfaqs/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.